The following listing of claims replaces all prior versions and listings of claims in this application.

Listing of Claims

1. (currently amended) A home gateway system for home automation and security comprising:

a wireless local loop transceiver ~~capable of establishing~~ to establish a wireless local loop point to point link to a geographically separated, non-mobile base station which is ~~attached to~~coupled to the PSTN;

a home automation controller ~~capable of sending and receiving a message~~to communicate with the wireless local loop transceiver; and

a home security controller ~~capable of sending and receiving a message~~to communicate with the wireless local loop transceiver and the home automation controller.

2. (currently amended) The home gateway system of claim 1, further including a smart card interface ~~capable of sending~~to send a plurality of instructions to the home automation controller.

3. (original) The home gateway system of claim 1, further including a voice processing system coupled to the home security system.

4. (original) The home gateway system of claim 3, wherein the voice processing system includes a speaker verification module.

5. (original) The home gateway system of claim 3, wherein the voice processing system includes a speech recognition module.

6. (currently amended) The home gateway system of claim 1, further including a switch connecting the wireless local loop ~~telephony connection~~ transceiver to the home security controller.

7. (original) The home gateway system of claim 1, further including a plurality of sensors connected to the home security controller.

8. (currently amended) A method of operating a home gateway system for home automation and security, comprising ~~the steps of~~:

~~(a)~~receiving a request for access to ~~a~~ home automation and security features from a user through a wireless local loop point to point link from a geographically separated non-mobile base station which is ~~attached~~ coupled to the PSTN;

~~(b)~~performing a speaker verification of the user;

~~(c)~~when the user is verified, allowing the user access to the home automation and security features; and

~~(d)~~receiving a voiced instruction.

9. (currently amended) The method of claim 8, wherein ~~step (a) further includes the steps of~~receiving the request for access comprises:

~~(a1)~~ inputting an electronic address of the home gateway system by the user;

~~(a2)~~ establishing an electronic connection with the home gateway system; and

~~(a3)~~ selecting the home automation and security features from a plurality of options.

10. (currently amended) The method of claim 9, wherein ~~the step of~~ inputting the electronic address includes ~~the step of~~ dialing a phone number.

11. (currently amended) The method of claim 9, wherein ~~the step of~~ establishing the electronic connection includes ~~the step of~~ setting up a wireless local loop telephony connection.

12. (currently amended) The method of claim 8, wherein ~~step (b) further includes the steps of~~performing the speaker verification comprises:

~~(b1)~~ requesting a user to speak an access code; and

~~(b2)~~ performing a speech recognition on the access code;

~~(b3)~~ when the access code is recognized and belongs to a set of approved access codes, performing ~~a~~the speaker verification.

13. (currently amended) The method of claim 12, further including ~~the steps of~~:

~~(b4)~~ when the speaker verification fails, requesting a user enter a personal identification number.

14. (currently amended) The method of claim 8, further including ~~the steps of~~:

~~(e)~~performing a speech recognition of the voiced instruction;

~~(f)~~converting the voiced instruction into an electronic instruction; and

~~(g)~~sending the electronic instruction to a home automation and security controller.

15. (currently amended) A method of operating a home gateway system for home automation and security, comprising ~~the steps of~~:

~~(a)~~monitoring a parameter;

~~(b)~~when the parameter exceeds a defined range, sending a message containing an electronic address to a processor;

~~(c)~~establishing a communication link to the electronic address over a wireless local loop, wherein the wireless local loop point to point link is through a geographically separated non-mobile base station which is ~~attached~~coupled to the PSTN; and

~~(d)~~transmitting the message to the electronic address.

16. (currently amended) The method of claim 15, wherein ~~step (b) further includes the step of~~sending the message comprises:

~~(b1)~~ when the parameter is a forceful entry signal, sending the message that contains a police telephone number to the processor.

17. (currently amended) The method of claim 15, wherein ~~step (d) further includes the step of~~ transmitting the message comprises:

~~(d1)~~ speech synthesizing a portion of the message to form an audio message; and

~~(d2)~~ transmitting the audio message to the electronic address.

18. (currently amended) A home gateway system for home automation and security comprising:

a wireless local loop transceiver ~~capable of establishing~~to establish a wireless local loop point to point link to a geographically separated, non-mobile base station which is ~~attached~~coupled to the PSTN;

a switch ~~connected~~coupled to the wireless local loop transceiver;

a processor ~~connected~~coupled to the switch;

a voice processing system ~~connected~~coupled to the processor;

a router coupled to the switch;

a home automation controller ~~connected~~coupled to the router; and

a home security controller ~~connected~~coupled to the router.

19. (currently amended) A method of operating a home gateway system for home automation and security, comprising ~~the steps of~~:

~~(a)~~dialing a telephone number of the home gateway system by a user;

~~(b)~~establishing a wireless local loop connection with the home gateway system;

~~(c)~~selecting ~~a~~ home automation and security features from a plurality of options;

~~(d)~~performing a speaker verification of the user;

~~(e)~~when the user is verified, allowing the user access to the home automation and security features;

~~(f)~~receiving a voiced instruction to setup a home security controller in a warning mode;

~~(g)~~monitoring a forceful entry signal;

~~(h)~~when the forceful entry signal exceeds a defined range, sending a message containing a police telephone number to a processor;

~~(i)~~establishing a communication link to the police telephone number over a wireless local loop; and

~~(j)~~transmitting the message to the police telephone number.